

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/JP2005/002716

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International application No.  
PCT/JP2005/002716A. CLASSIFICATION OF SUBJECT MATTER  
Int.Cl? C08J9/28, H01M2/16 , 10/40

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
Int.Cl? C08J9/28 , C08G73/14 , H01M2/16 , 10/40

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
 Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2005  
 Kohai Jitsuyo Shinan Koho 1971-2005 Toroku Jitsuyo Shinan Koho 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 63-90533 A (Mitsubishi Chemical Industries Ltd.), 21 April, 1988 (21.04.88), Full text (Family: none)	1,3-5,7-10, 12-14,16-17, 2,6,11,15
A	JP 7-100201 A (Toyobo Co., Ltd.), 18 April, 1995 (18.04.95), Full text (Family: none)	1-3,7-12,16 4-6,13-15,17
A	JP 2003-165863 A (Denso Corp.), 10 June, 2003 (10.06.03), Claims (Family: none)	1-17

 Further documents are listed in the continuation of Box C. See patent family annex.

Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier application or patent but published on or after the international filing date

\*L\* document which may throw doubts on priority claims(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document published prior to the international filing date but later than the priority date claimed

Date of the actual completion of the international search  
20 April, 2005 (20.04.05)Date of mailing of the international search report  
17 May, 2005 (17.05.05)Name and mailing address of the I.S.M.  
Japanese Patent Office

Authorized officer

Telephone No.

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 11-35585 A (Hitachi Chemical Co., Ltd.), 09 February, 1999 (09.02.99), Claims (Family: none)	1-17
P, X	JP 2004-152675 A (Toyobo Co., Ltd.), 27 May, 2004 (27.05.04), Full text (Family: none)	1-17
P, X	JP 2004-315660 A (Toyobo Co., Ltd.), 11 November, 2004 (11.11.04), Full text (Family: none)	1-17

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.